

Rush 4 to spray paint 4M

Work Order ID 143772

143772

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Item ID: D4925-041 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Mounting Plate Assembly
Start Date: 3/28/2016 Start Qty: 4.00 *4* Cust Item ID:
Required Date: 4/4/2016 Req'd Qty: 4.00 *4* Customer:
Reference:

Approvals: Process Plan: *SLA* 120160322 Tooling: Date: Run Start *NR1*
QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4925	D								

100

100

Small Fab

Small Fab

Small Fab

Memo

Rivet nutplate to D4925-1 as per dwg.

0.00

0.01

SLA

16/05/05 DAS 36 9-89

110

110

QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

0.00

SLA

DAS 38 9-89

MAY 05 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

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Item ID: D4925-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Mounting Plate Assembly
 Start Date: 3/28/2016 Start Qty: 4.00 ***4*** Cust Item ID:
 Required Date: 4/4/2016 Req'd Qty: 4.00 ***4*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Gloss Black (Alum) (Ref:QSI005 4.3.5.13) Small Fab	0.00				5			DAS 41 9-89 16-5-10
120 Powdercoat Powder Coating	P.T.O Memo ***Insert screw BY HAND in nutplate prior to powdercoating*** START TIME: _____ OVEN TEMPERATURE: _____ FINISH TIME: _____ Prime 134188 Paint 134713	0.01							
130	QC3- Inspect Part Finish	0.00				5			DAS 38 9-89 MAY 11 2016
130 QC Quality Control	Memo	0.00							
135	QC5- Inspect part completeness to step on W/O	0.00				5			DAS 38 9-89 MAY 11 2016
135 QC Quality Control	Memo	0.00							

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☒

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☒ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☒ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging Supplier ☐ Engineering Quality ☐ Other ☐			
Date : 2016. 05. 04	Step #: 120	QTY Effective : 4		MRB (QSI042) Approval 	
Description Work Order Deviation		Disposition			
POWDER COAT EVEN CURRENTLY UNAVAILABLE.		ACCEPTABLE TO PRIME + PAINT GLOSS BLACK PER QSI D05 4.2			
		Completed By			
		Lead hand / Supervisor Approval Verification			
		QC / QA Coordinator Approval			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : _____			

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Item ID: D4925-041 Accept ***N900040100*** Setup Start ***NS1***
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 Required Date: 4/4/2016 Req'd Qty: 4.00 ***4*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140	Identify as per dwg & Stock Location: 72223	0.00							
140									
Packaging	Memo	0.00							
Packaging									
150	QC21- Final Inspection - Work Order Release	0.00							
150									
QC	Memo	0.01							
Quality Control									

DAS
8
MAY 11 2016

MCS MAY 11 2016

MCS MAY 11 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Picklist Print

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Work Order ID: 143772

143772

Parent Item: D4925-041

D4925-041

Parent Item Name: Mounting Plate Assembly

Start Date: 3/28/2016

Required Date: 4/4/2016

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A 13.10.01 new issue DD verf:JLM IPP REV:B
14.01.13 AS PER DWG REV.A DD VERF:JLM IPP REV:C 15.06.17
AS PER DWG REV.D DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4925-1		Manufactured	No			100	Each	0.0000	1	4			
D4925-1													
EAPS Mounting Plate													
LN29985-A05		Purchased	No			100	Each	113.0000	6	24			
I N29985-A05													
Anchor Nut													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				st555		113							
				m133062		113							
MS20426AD3-4		Purchased	No			100	Each	6,255.000	12	48			
MS20426AD3-4													
RIVET													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				CCK004		4885							
				m134294		4885							
				GA		1008							
				m131697		1008							
				ST312		362							
				m131697		362							

DAS
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9-89

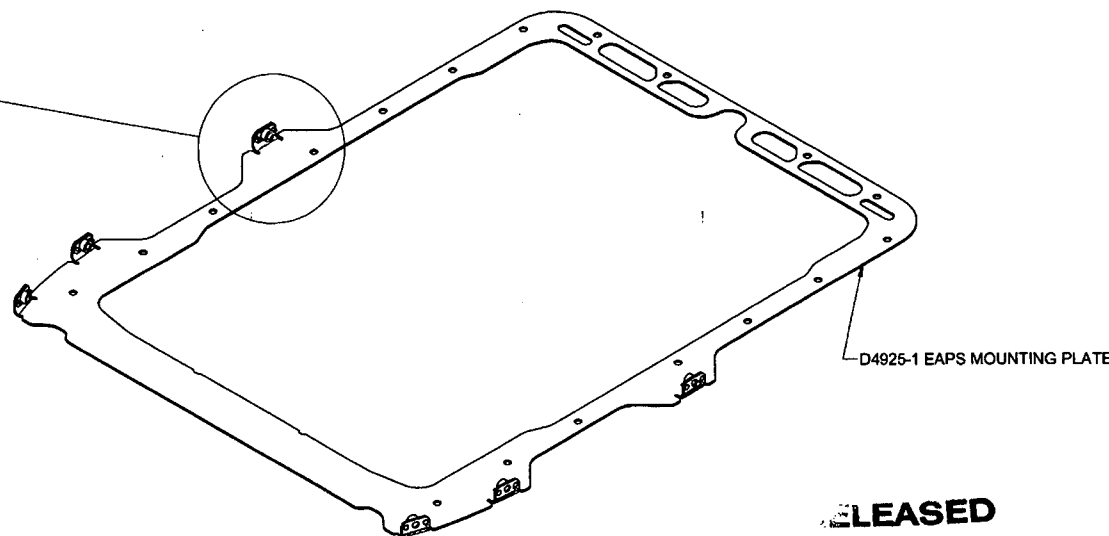
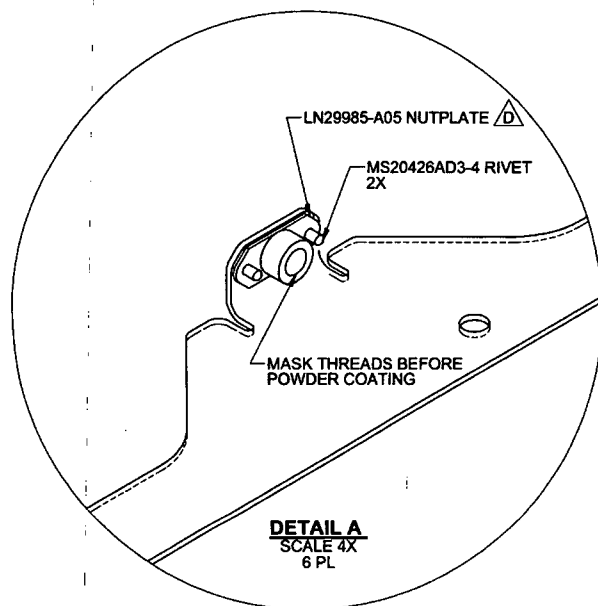
DAS
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9-89

DAS
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4860

ITEM	QTY -041	P/N	DESCRIPTION
	X	D4925-041	EAPS MOUNTING PLATE ASSY
1	1	D4925-1	EAPS MOUNTING PLATE
2	6	LN29985-A05	NUTPLATE (LN29885-AM5)
3	12	MS20426AD3-4	RIVET, CSK

△



D4925-041 EAPS MOUNTING PLATE ASSY

RELEASED
2015 JUN 16
ECN 15-527

- NOTES:**
 1) MATERIAL: N/A
 2) FINISH: POWDER COAT "BLACK GLOSS" (4.3.5.13) PER DART QSI 005 4.3
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4925-041" PER QSI 044 6.1
 7) WEIGHT: 0.27 LBS

20160322
SH

143772

APPROVED

D	UPDATED BOM (LN29985-A05 WAS MS21059L3), REVISED DETAIL C: ZN B2-3	AK	15.03.08
C	REMOVE SLOTS (5 PL) AND EDGE SCALLOP DETAIL	DB	14.04.04
B	COMPLETE RE-DESIGN, SEE REV A FOR DETAILS	DB	14.01.15
A	NEW ISSUE	DB	13.10.01
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	JLM	D4925	SHEET 1 OF 3
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	EAPS MOUNTING PLATE	NTS
DATE	15.03.06	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

21.00
REF

20.71
REF

19.25
REF

0.68 6 PL

D4925-1 EAPS MOUNTING PLATE
(MAKE FROM D4925-1F)

R0.13

SECTION B-B
SCALE 2X

RELEASED

2015 JUN 16

NOTES:

- 1) MATERIAL: MAKE FROM D4925-1F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

APPROVED

DESIGN	DB	DART AEROSPACE LTD	
DRAWN	DB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	JLM	D4925	SHEET 2 OF 3
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	EAPS MOUNTING PLATE	NTS
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